

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. OPTIS.088A	APPLICATION NO. 10/824,948
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Unknown	
		FILING DATE April 15, 2004	GROUP 1645

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
/C.T.M./	1	4,088,448	5/9/78	Lilja et al.			
	2	3,751,173	8/7/73	Sanz et al.			
	3	4,405,235	9/20/83	Rossiter			
	4	4,477,190	10/16/84	Liston et al.			
	5	4,696,798	9/29/87	Timgren			
	6	4,569,589	2/11/86	Neufeld			
	7	4,790,640	12/13/88	Nason			
	8	4,761,381	8/2/88	Blatt et al.			
	9	4,948,961	8/14/90	Hillman et al.			
	10	5,061,632	10/29/91	Shepherd et al.			
	11	5,064,282	11/12/91	Curtis			
	12	5,179,005	1/12/93	Phillips et al.			
	13	5,223,219	6/29/93	Subramanian et al.			
	14	5,371,020	12/6/94	Frischauf			
	15	5,430,542	7/4/95	Shepherd			
	16	5,452,716	9/26/95	Clift			
	17	5,567,869	10/22/96	Hauch et al.			
	18	5,627,041	5/6/97	Shartle			
	19	5,801,057	9/1/98	Smart et al.			
	20	5,815,258	9/29/98	Nakanishi			
	21	5,900,632	5/4/99	Sterling et al.			
	22	5,933,792	8/3/99	Andersen et al.			
	23	5,977,545	11/2/99	Haar et al.			
	24	6,049,762	4/11/00	Ganz et al.			
	25	6,072,180	6/6/00	Kramer et al.			
	26	6,083,710	6/4/00	Heller et al.			
	27	6,087,182	7/11/00	Jeng et al.			
/C.T.M./	28	6,115,673	9/5/00	Malin et al.			

EXAMINER /Christine T Mui/	DATE CONSIDERED 10/12/2007
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. OPTIS.086A	APPLICATION NO. 10/824,946
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
/C.T.M./	29	6,119,026	9/12/00	McNulty et al.			
	30	6,120,676	9/19/00	Heller et al.			
	31	6,180,416	1/30/01	Kurnik et al.			
	32	6,198,949	3/6/01	Braig et al.			
	33	6,207,400	3/27/01	Kwon			
	34	6,285,448	9/4/01	Kuenstner			
	35	6,312,888	11/6/01	Wong et al.			
	36	2002/0026110	2/28/02	Parris et al.			
	37	2002/0019022	2/14/02	Dunn et al.			
	38	2003/0031597	2/13/03	Sota et al.			
	39	2003/0090649	5/15/03	Sterling et al.			
	40	2003/0178569	9/25/03	Sterling et al.			12/12/02
	41	2004/0019431	1/29/04	Sterling et al.			02/12/03
	42	2003/0090649	5/15/03	Sterling et al.			01/21/02
	43	2003/0086073	5/8/03	Sterling et al.			07/19/02
	44	2003/0086074	5/8/03	Braig et al.			08/14/02
/C.T.M./	45	2003/0086075	5/8/03	Braig et al.			08/14/02

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
/C.T.M./	46	EP 0 982 582 A1	March 1, 2000	Europe				
↓	47	WO 01/53806 A1	July 26, 2001	PCT				
	48	WO 03/01682 A1	February 27, 2003	PCT				
	49	WO 99/40411	August 12, 1999	PCT				
/C.T.M./	50	WO 97/25608	July 17, 1997	PCT				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
/C.T.M./	51 Norris et al., "Rapid measurement of analytes in whole blood with NIR transmittance," <u>Leaping Ahead with New Infrared Spectroscopy</u> (Batten et al., eds.) pp. 431-436, (1995).
	52 Kajiwara et al., "Spectroscopic quantitative analysis of blood glucose by Fourier transform infrared spectroscopy with an attenuated total reflection prism," <u>Medical Progress Through Technology</u> vol. 128, no. 3, pp. 181-189.
	53 Janatsch et al., "Multivariate Calibration for Assays in Clinical Chemistry Using Attenuated Total Reflection Infrared Spectra of Human Blood Plasma," <u>Analytical Chemistry</u> vol. 61, no. 18, pp. 2016-2023.
	54 Lewis et al., "Investigation of Near-Infrared Spectroscopy for Periodic Determination of Glucose in Cell Culture Media In Situ," <u>Applied Spectroscopy</u> , vol. 54, no. 10, pp. 1453-1457 (2000).
	55 McShane et al., "Near-Infrared Spectroscopy for Determination of Glucose, Lactate, and Ammonia in Cell Culture Media," <u>Applied Spectroscopy</u> , vol. 52, no. 8, pp. 1073-1078 (1998).
	56 Mirouse et al., "Quantitative Analysis of Glucose Syrups by ATR/FT-IR Spectroscopy," <u>Applied Spectroscopy</u> , vol. 47, no. 8, pp. 1187-1191 (1993).
↓	57 Zheng et al., "Noninvasive Glucose Determination by Oscillating Thermal Gradient Spectrometry," <u>Diabetes Technology & Therapeutics</u> , vol. 2, no. 1, pp. 17-25 (2000).
	58 Ward et al., "Post-Prandial Blood Glucose Determination by Quantitative Mid-Infrared Spectroscopy," <u>Applied Spectroscopy</u> , vol. 46, no. 6, pp. 959-965 (1992).
	59 Heise et al., "Multicomponent Assay for Blood Substrates in Human Plasma by Mid-Infrared Spectroscopy and its Evaluation for clinical Analysis," <u>Applied Spectroscopy</u> , vol. 48, no. 1, pp. 85-95 (1994).
	60 McNichols et al., "Optical Glucose Sensing in Biological Fluids: An Overview," <u>Journal of Biomedical Optics</u> , vol. 5, no. 1, pp.5-9 (January 2000).
	61 Petibois et al., "Glucose and Lactate Concentration Determination on single Microsamples by Fourier-Transform Infrared Spectroscopy," <u>Journal of Laboratory and Clinical Medicine</u> , vol. 135, no. 2, pp. 210-215 (February 2000).
	62 Shaw et al., "Infrared Spectroscopy in Clinical and Diagnostic Analysis," <u>Encyclopedia of Analytical Chemistry</u> (Meyers, ed.) (date unknown).
	63 Sim, B; Tong, Y; Chang, J; Tan, C; "A Parametric Formulation of the Generalized Spectral Subtraction Method," <u>IEEE Transactions on Speech and Audio Processing</u> ; vol. 6, no. 4; June 1998; pp. 328-337.
	64 Percherancier, J; Vuarchex, P; "Fourier Transform Infrared (FT-IR) Spectrometry to Detect Additives and Contaminants in Insulating Oils," <u>IEEE Electrical Insulation Magazine</u> ; vol. 14, no. 3; May-June 1998; pp. 23-29.
	65 Ham, F; Kostanic, I; Cohen, G; Gooch, B; "Determination of Glucose Concentrations in an Aqueous Matrix from NIR Spectra Using Optimal Time-Domain Filtering and Partial Least-Squares Regression," <u>IEEE Trans. Biomed. Eng.</u> ; vol 44, no. 6; June 1998; pp. 475-485.
	/C.T.M./

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
/C.T.M./	66 USPTO Serial No. 10/319,409; Sterling, et al.; Filing Date 12/12/02
	67 USPTO Serial No. 10/366,540; Sterling, et al.; Filing Date 02/12/03
	68 USPTO Serial No. 10/055,875; Sterling, et al.; Filing Date 01/21/02
	69 USPTO Serial No. 10/200,384; Sterling, et al.; Filing Date 07/19/02
↓	70 USPTO Serial No. 10/219,625; Braig, et al.; Filing Date 08/14/02
/C.T.M./	71 USPTO Serial No. 10/219,627; Braig, et al.; Filing Date 08/14/02

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/C.T.M./	72	USPTO Serial No. 10/268,599; Braig, et al.; Filing Date 10/09/02
/C.T.M./	73	USPTO Serial No. 10/825,085; Sterling, et al.; Filing Date 04/15/04
/C.T.M./	74	USPTO Serial No. 10/877,965; Unknown; Filing Date 06/25/04

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